

HD6™

6 Zone HD Video Switcher



“The HD6 Provides 6 Zones of HD Video Switching”

The HD6 takes Composite, S-Video or Component Video from the 9 shared video source inputs and outputs the video sources simultaneously via CAT-5 and Component Video. The HD6 automatically detects the input video type and transcodes if necessary, without changing the resolution of the original video signal. Designed to seamlessly integrate with B & K's CT Series Multi-Zone Receivers (CT600.1, CT600.3, CT300.3), simply connect the HD6 via a single CAT-5 cable and the HD6 operates as a match to the CT Series receiver. The HD6 can also be used as a stand-alone High Definition Transcoding Video Switcher via I/R, RS-232 or Ethernet control.

- Transcodes Composite and S-Video and Seamlessly Outputs via Component Video or CAT-5 Connectors
- RS-232 Pass-through for an External RS-232 Device
- Back Panel IR Input
- Ethernet Configuration and Control
- Color Bar Video Test Pattern Generator
- Flash Software Update Compatibility
- Daisy Chain to Create up to 127 Zones of High Definition Video
- Can be used as a 15X6 component video switcher or a 45X6 composite video switcher (standalone only)

The HD6 will send High Definition Video via component video up to 150 feet and CAT-5 cable up to 1000 feet (up to 500 feet powered by the HD6). Breakout boxes are required when using CAT-5 cables and are available separately from B & K. Please see the HD6 manual for instructions on using CAT-5 cable for distributing High Definition Video signals. The breakout box can be used as an in-wall device or as a shelf-mount device. Breakout boxes convert the HD Video Signal from a CAT-5 connection to a Component Video connection to send High Definition Video to your local Plasma, LCD, Rear-Projection TV or Projector. Within a zone, you can daisy-chain the same High Definition Video signal to several video monitors using multiple breakout boxes for a total run up to 1000 feet (with breakout box independent power).

Flexible

The HD6 Video Switcher can be used as a stand-alone IR/RS-232/Ethernet, 6 zone video switcher or be linked to follow B&K Multi-Zone receivers.

Easy Installation

B&K Multi-zone Receivers seamlessly integrate with the HD6 High Definition Video Switcher using the RS-232 CT Link to make one complete system.

Easy to Use

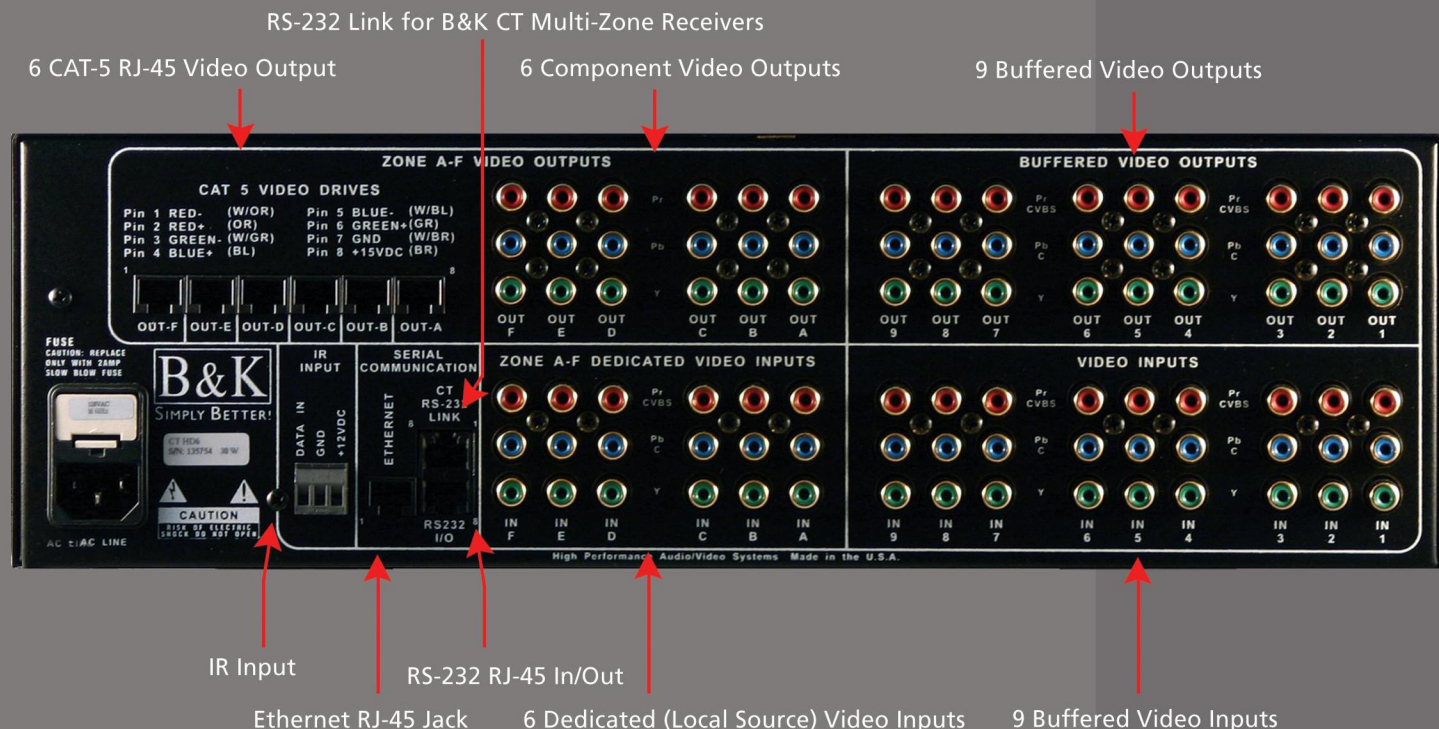
The HD6 features transcoding capabilities, which allows for easy use of Composite or S-Video sources in your High Definition Video installation!

SIMPLY BETTER!



HD6 6 Zone HD Video Switcher Processor

Back Panel



Features

- Transcodes Composite and S-Video and Seamlessly Outputs via Component Video or CAT-5 Connectors
- 6 Component Video Outputs
- 6 CAT-5 Video Outputs (RJ-45)
- 9 Shared Composite, S-Video and Component Video Inputs
- 9 Buffered Component Video Outputs
- 6 Dedicated Component Video Inputs – One for Each Zone
- RS-232 Control
- RS-232 Pass-through for an External RS-232 Device
- Back Panel IR Input
- Ethernet Configuration and Control
- Color Bar Video Test Pattern Generator
- Flash Software Update Compatibility
- Daisy Chain to Create up to 127 Zones of High Definition Video

Specifications

- Video Bandwidth: 200MHz I/O
- Video Input Impedance: 75 ohm
- Video Input Signal: 1.2 Volts p-p
- Video Output Impedance: 75 ohm
- Video Output Signal: 1.2 Volts
- CAT-5 Power Source: 6 (12VDC, 200mA)
- Dimensions: 17" W x 5.25" H x 15" D
- Shipping Weight: 20 lbs.
- Power Consumption: 75 Watts (Max.)

All 6 zones of the HD6 allow seamless integration and operation with Composite, S-Video Component Video. The HD6 automatically detects the input video type. Component Video is passed through without processing; both Composite and S-Video are transcoded to Component. Resolution of the original video signal is not altered.

